

## **CREB5** rabbit pAb

Catalog No: YT7747

**Reactivity:** Human; Mouse

**Applications:** WB

Target: CREB5

**Fields:** >>cGMP-PKG signaling pathway;>>cAMP signaling pathway;>>PI3K-Akt

signaling pathway;>>AMPK signaling pathway;>>Longevity regulating pathway;>>Adrenergic signaling in cardiomyocytes;>>TNF signaling pathway;>>Thermogenesis;>>Cholinergic synapse;>>Dopaminergic

synapse;>>Insulin secretion;>>Estrogen signaling pathway;>>Thyroid hormone

synthesis;>>Glucagon signaling pathway;>>Aldosterone synthesis and

secretion;>>Relaxin signaling pathway;>>Cortisol synthesis and

secretion;>>Parathyroid hormone synthesis, secretion and action;>>Insulin resistance;>>Cushing syndrome;>>Growth hormone synthesis, secretion and

action;>>Vasopressin-regulated water reabsorption;>>Huntington disease;>>Prion disease;>>Cocaine addiction;>>Amphetamine addiction;>>Alcoholism;>>Hepatitis B;>>Human cytomegalovirus

infection;>>Human papillomavirus infection;>>Human T-cell leukemia virus 1 infection:>>Viral carcinogenesis:>>Chemical carcinogenesis - receptor

activation;>>Prostate cancer

Gene Name: CREB5 CREBPA

Protein Name: CREB5

Human Gene Id: 9586

**Human Swiss Prot** Q02930

No:

Mouse Gene ld: 231991

Q8K1L0

**Mouse Swiss Prot** 

No:

Immunogen: Synthesized peptide derived from human CREB5 AA range: 415-465

**Specificity:** This antibody detects endogenous levels of CREB5 at Human/Mouse

1/2



**Formulation:** Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.

Source: Polyclonal, Rabbit, IgG

**Dilution:** WB 1 ? 500-2000

**Purification:** The antibody was affinity-purified from rabbit antiserum by affinity-

chromatography using epitope-specific immunogen.

Concentration: 1 mg/ml

Storage Stability: -15°C to -25°C/1 year(Do not lower than -25°C)

Molecularweight: 56kD

**Background:** The product of this gene belongs to the CRE (cAMP response element)-binding

protein family. Members of this family contain zinc-finger and bZIP DNA-binding domains. The encoded protein specifically binds to CRE as a homodimer or a heterodimer with c-Jun or CRE-BP1, and functions as a CRE-dependent transactivator. Alternatively spliced transcript variants encoding different isoforms have

been identified. [provided by RefSeg, Jul 2008],

**Function:** function:Binds to the cAMP response element and activates

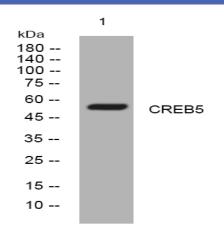
transcription.,similarity:Belongs to the bZIP family.,similarity:Contains 1 bZIP domain.,similarity:Contains 1 C2H2-type zinc finger.,subunit:Binds DNA as a

homodimer or as a heterodimer with JUN or ATF2/CREBP1.,

Subcellular Location:

Nucleus.

## **Products Images**



Western blot analysis of lysates from VEC cells, primary antibody was diluted at 1:1000, 4° over night